22 September 1995

ELSEVIER

Chemical Physics Letters 243 (1995) 589–597

CHEMICAL PHYSICS LETTERS

Author index to volume 243

Åberg, U., see Yartsev, A. 243 (1995) 281
Ahlrichs, R., see Sundholm, D. 243 (1995) 264
Akiike, M., K. Tsuji, K. Shibuya and K. Obi, Van der Waals vibrations of NO–methane complexes in the $A^2\Sigma^+$ state 243 (1995) 89
Alvarez, J.-L., see Yartsev, A. 243 (1995) 281
Anderson, S.L., see Basir, Y. 243 (1995) 45
Andreoni, W., see Onida, G. 243 (1995) 183
Anglada, J.M. and J.M. Bofill, Practical remarks on the selection of the active space in the CAS-SCF wavefunction 243 (1995) 151
Arana, C.R., see Credi, A. 243 (1995) 102
Artemyev, M.V., S.V. Gaponenko, I.N. Germanenko and A.M. Kapitonov, Irreversible photochemical spectral hole burning in quantum-sized CdS nanocrystals embedded in a polymeric film 243 (1995) 450

Balasubramanian, K., see Latifzadeh, L. 243 (1995) 243
Balzani, V., see Credi, A. 243 (1995) 102
Basir, Y. and S.L. Anderson, Interaction of Mn^+ and Mn_2^+ with C_{60}. Exohedral and endohedral metal–fullerene bonding 243 (1995) 45
Behm, R.J., see Bolotov, L. 243 (1995) 445
Belsky, A.N., V.V. Mikhailin, A.N. Vasil'ev, I. Dafinei, P. Lecoq, C. Pedrini, P. Chevallier, P. Dhez and P. Martin, Fast luminescence of undoped $PbWO_4$ crystal 243 (1995) 552
Benjamin, I., M.A. Wilson, A. Pohorille and G.M. Nathanson, Scattering of water from the glycerol liquid–vacuum interface 243 (1995) 222
Bernardi, F., see Celani, P. 243 (1995) 1
Bernheim, R.A., see Xu, J.H. 243 (1995) 474
Berreby, L. and E. Dayan, Effect of electrostatic terms on the mean squared torque in the gaseous N_2O–CO_2 system at intermediate pressure 243 (1995) 85
Berthe-Gaujac, N., Y. Jean and F. Volatron, Ab initio study of the $(SO_2)(SO_2^-)$ dimer: structures involving a two-electron S–O bond 243 (1995) 165
Besenbacher, F., see Sprunger, P.T. 243 (1995) 439
Blanchard-Desce, M., R. Wortmann, S. Lebus, J.-M. Lehn and P. Krämer, Intramolecular charge transfer in elongated donor–acceptor conjugated polyenes 243 (1995) 526
Blasse, G., see van de Craats, A.M. 243 (1995) 559
Bludau, H., see Over, H. 243 (1995) 435
Boddenberg, B., see Rittner, F. 243 (1995) 140
Bofill, J.M., see Anglada, J.M. 243 (1995) 151
Bolotov, L., H. Rauscher and R.J. Behm, Modification of the Si(111) 7×7 local electronic surface structure induced by silane adsorption 243 (1995) 445

Bolvin, H. and O. Kahn, Ferromagnetism and spin transition: an attempt at a unifying approach 243 (1995) 355
Botschwina, P., see Schulz, B. 243 (1995) 378
Boudjarane, K., M. Carré and M. Larzillière, High-resolution laser-induced fluorescence spectrum of the $B\,^4\Sigma_u^- - X\,^4\Sigma_g^-$ transition of C_2^+ 243 (1995) 571
Bousseksou, A., L. Tommasi, G. Lemercier, F. Varret and J.-P. Tuchagues, Deuterium isotope effect in the two-step spin-state transition of [Fe^{II}(5-NO_2-sal-N(1,4,7,10))] investigated by Mössbauer spectroscopy and magnetic susceptibility 243 (1995) 493
Bradshaw, A.M., see Itchkawitz, B.S. 243 (1995) 211
Bretón, J., see Hernández-Rojas, J. 243 (1995) 587
Buckingham, A.D. and L.C. Parlett, The effect of circularly polarized light on ESR spectra 243 (1995) 15
Burghaus, O. and M.P. Klein, Coherent Raman beat and ESEEM EPR spectroscopy applied to a transition metal complex: comparisons of sensitivity and spectral resolution 243 (1995) 480
Burghaus, O. and M.P. Klein, Coherent Raman beat EPR without pre-excitation pulses 243 (1995) 486

Caminati, W., A. Maris, A. Millemaggi and P.G. Favero, Free jet absorption millimeter wave spectrum of benzene sulphonyl chloride 243 (1995) 302
Campagna, S., see Credi, A. 243 (1995) 102
Carré, M., see Boudjarane, K. 243 (1995) 571
Carter, R.N., see Healey, F. 243 (1995) 133
Celani, P., M.A. Robb, M. Garavelli, F. Bernardi and M. Olivucci, Geometry optimisation on a hypersphere. Application to finding reaction paths from a conical intersection 243 (1995) 1
Che, D.-C. and K. Liu, A crossed-beam study of the reaction of CN + D_2. Is CN really a spectator bond? 243 (1995) 290
Chevallier, P., see Belsky, A.N. 243 (1995) 552
Chowdhury, M., see Misra, A. 243 (1995) 308
Christiansen, O., see Jaszuński, M. 243 (1995) 144
Christiansen, O., H. Koch and P. Jørgensen, The second-order approximate coupled cluster singles and doubles model CC2 243 (1995) 409
Chronister, E.L., see Laperrière, S.C. 243 (1995) 114
Colbert, D.T., see Guo, T. 243 (1995) 49
Coppens, P. and J. Drowart, Mass spectrometric study of the photoionization of CS. The dissociation energy of the CS molecule 243 (1995) 108
Cramer, S.P., see Wang, X. 243 (1995) 469
Credi, A., V. Balzani, S. Campagna, G.S. Hanan, C.R. Arana and J.-M. Lehn, Photophysical properties of a dinuclear rack-type Ru(II) complex and of its components 243 (1995) 102
Csizmadia, I.G., see Csonka, G.I. 243 (1995) 419
Csonka, G.I. and I.G. Csizmadia, Density functional conformational analysis of 1,2-ethanediol 243 (1995) 419

Dafinei, I., see Belsky, A.N. 243 (1995) 552
Darden, T., see Lee, H. 243 (1995) 229
Dayan, E., see Berreby, L. 243 (1995) 85
Delgado-Barrio, G., see Rubayo-Soneira, J. 243 (1995) 236
Demco, D.E., see Gottwald, J. 243 (1995) 314
De Oliveira, G. and C.E. Dykstra, Large basis set study of the stability of $(H_2S)_2$: the importance of 3d functions in weak interaction of second row molecules 243 (1995) 158
Devonshire, R. and D. Hong, Translational and vibrational contributions to the thermal conductivity of molecular gases 243 (1995) 334

Dhez, P., see Belsky, A.N. 243 (1995) 552
Dimitrov, A.S. and K. Nagayama, Steady-state unidirectional convective assembling of fine particles into two-dimensional arrays 243 (1995) 462
Dreger, Z.A., see Lang, J.M. 243 (1995) 78
Drickamer, H.G., see Lang, J.M. 243 (1995) 78
Drowart, J., see Coppens, P. 243 (1995) 108
Dutta, R., see Misra, A. 243 (1995) 308
Dykstra, C.E., see de Oliveira, G. 243 (1995) 158

Eizenberg, N. and J. Klafter, Molecular motion under stochastic gating 243 (1995) 9
Ertl, G., see Over, H. 243 (1995) 435

Favero, P.G., see Caminati, W. 243 (1995) 302
Fowler, P.W. and F. Zerbetto, Charging and equilibration of fullerene isomers 243 (1995) 36
Friend, R.H., see Köhler, A. 243 (1995) 456

Gallogy, E.B., see Han, K.-L. 243 (1995) 29
Gaponenko, S.V., see Artemyev, M.V. 243 (1995) 450
Garavelli, M., see Celani, P. 243 (1995) 1
García-Vela, A., see Rubayo-Soneira, J. 243 (1995) 236
Garvey, J.F., see Stry, J.J. 243 (1995) 199
Gauss, J., see Sundholm, D. 243 (1995) 264
Gerber, R.B., see Li, Z. 243 (1995) 257
Germanenko, I.N., see Artemyev, M.V. 243 (1995) 450
Goldbeck, R.A., see Møller, S. 243 (1995) 579
Goldshleger, N.F., see Lobach, A.S. 243 (1995) 22
Gomez Llorente, J.M., see Hernández-Rojas, J. 243 (1995) 587
Gondal, M.A., M.A. Khan and M.H. Rais, Emission spectra of calcium dimer. The $A\,^1\Sigma_u^+ - X\,^1\Sigma_g^+$ system 243 (1995) 94
Gottwald, J., D.E. Demco, R. Graf and H.W. Spiess, High-resolution double-quantum NMR spectroscopy of homonuclear spin pairs and proton connectivities in solids 243 (1995) 314
Gozzini, A., see Xu, J.H. 243 (1995) 474
Graf, R., see Gottwald, J. 243 (1995) 314
Gravitis, J., see Kokorevics, A. 243 (1995) 205
Grigoryantz, V.M., see Stass, D.V. 243 (1995) 533
Grüner, J., see Köhler, A. 243 (1995) 456
Guo, T., P. Nikolaev, A. Thess, D.T. Colbert and R.E. Smalley, Catalytic growth of single-walled nanotubes by laser vaporization 243 (1995) 49

Han, K.-L., R.-C. Lu, H. Lin, E.B. Gallogy and W.M. Jackson, Formation of a supersonic beam of $C_{60}H_{2x}$ in a Knudsen oven source containing C_{60} and hydrogen 243 (1995) 29
Hanan, G.S., see Credi, A. 243 (1995) 102
Harris, S.M. and S. Holloway, Resonant inelastic scattering of electrons from gas-phase and physisorbed N_2. A time-dependent approach 243 (1995) 393
Hashimoto, T., K. Hirao and H. Tatewaki, Comment on Dunning's correlation-consistent basis sets 243 (1995) 190
Hayashi, H., see Igarashi, M. 243 (1995) 545
Head-Gordon, M., see Lee, T.J. 243 (1995) 402

Healey, F., R.N. Carter, G. Worthy and A. Hodgson, Endothermic dissociative chemisorption of molecular D_2 on Ag(111) 243 (1995) 133
Helgaker, T., see Jaszuński, M. 243 (1995) 144
Hernández-Rojas, J., J. Bretón and J.M. Gomez Llorente, On polarization effects in endohedral fullerene complexes (Chem. Phys. Letters 235 (1995) 160). Erratum 243 (1995) 587
Hippler, M. and J. Pfab, Detection and probing of nitric oxide (NO) by two-colour laser photoionisation (REMPI) spectroscopy on the A ← X transition 243 (1995) 500
Hirao, K., see Hashimoto, T. 243 (1995) 190
Hodgson, A., see Healey, F. 243 (1995) 133
Hoffman, D.K., see Huang, Y. 243 (1995) 367
Holloway, S., see Harris, S.M. 243 (1995) 393
Hong, D., see Devonshire, R. 243 (1995) 334
Horie, K., see Shirota, H. 243 (1995) 297
Huang, C.H., see Wang, K.Z. 243 (1995) 217
Huang, F.Q., see Tang, A.C. 243 (1995) 387
Huang, Y., D.J. Kouri and D.K. Hoffman, Direct approach to density functional theory: iterative treatment using a polynomial representation of the Heaviside step function operator 243 (1995) 367
Hunter, W.R., see Itchkawitz, B.S. 243 (1995) 211
Hutton, D.R., see Song, R. 243 (1995) 324
Hwang, J.-K. and J.-J. Pan, Simulation of chemical reactions in solution by a combination of classical and quantum mechanical approach 243 (1995) 171

Igarashi, M., Y. Sakaguchi and H. Hayashi, Effects of large magnetic fields on the dynamic behavior of radical ion pairs in a non-viscous solution at room temperature 243 (1995) 545
Itchkawitz, B.S., J.P. Long, T. Schedel-Niedrig, M.N. Kabler, A.M. Bradshaw, R. Schlögl and W.R. Hunter, Photoemission and C 1s near-edge absorption from photopolymerized C_{60} films 243 (1995) 211
Iwata, S., see Sonoda, Y. 243 (1995) 176

Jackson, N.A., C.W. Watson and K.G. McKendrick, Large rotational energy release in collision-induced SiF $C\,^2\Delta$–$B\,^2\Sigma^+$ valence–Rydberg transfer 243 (1995) 564
Jackson, W.M., see Han, K.-L. 243 (1995) 29
Jaszuński, M., S. Szymański, O. Christiansen, P. Jørgensen, T. Helgaker and K. Ruud, NMR properties of N_3^-. A comparison of theory and experiment 243 (1995) 144
Jean, Y., see Berthe-Gaujac, N. 243 (1995) 165
Jørgensen, P., see Jaszuński, M. 243 (1995) 144
Jørgensen, P., see Christiansen, O. 243 (1995) 409

Kabler, M.N., see Itchkawitz, B.S. 243 (1995) 211
Kahn, O., see Bolvin, H. 243 (1995) 355
Kalnacs, J., see Kokorevics, A. 243 (1995) 205
Kalotas, T.M., see Lee, A.R. 243 (1995) 341
Kapitonov, A.M., see Artemyev, M.V. 243 (1995) 450
Kaplunov, M.G., see Lobach, A.S. 243 (1995) 22
Keiderling, T.A., see Tam, C.N. 243 (1995) 55
Khan, M.A., see Gondal, M.A. 243 (1995) 94
Kiefer, W., see Vogt, P. 243 (1995) 64

Klafter, J., see Eizenberg, N. 243 (1995) 9
Klein, M.P., see Burghaus, O. 243 (1995) 480, 486
Klein, U.K.A., see Than Htun, M. 243 (1995) 71, 506, 512
Kliger, D.S., see Møller, S. 243 (1995) 579
Koch, H., see Christiansen, O. 243 (1995) 409
Köhler, A., J. Grüner, R.H. Friend, K. Müllen and U. Scherf, Photocurrent measurements on aggregates in ladder-type poly(*p*-phenylene) 243 (1995) 456
Kokorevics, A., J. Gravitis and J. Kalnacs, Fullerene C_{60} destruction under shear deformation and high pressure action 243 (1995) 205
Kose, R., see Over, H. 243 (1995) 435
Kouri, D.J., see Huang, Y. 243 (1995) 367
Krämer, P., see Blanchard-Desce, M. 243 (1995) 526
Kulikov, A.V., see Lobach, A.S. 243 (1995) 22
Kumaran, S.S., M.-C. Su, K.P. Lim and J.V. Michael, Thermal decomposition of CF_3I using I-atom absorption 243 (1995) 59
Kuppermann, A. and M. Wu, The quantitative prediction and lifetime of a pronounced reactive scattering resonance (Chem. Phys. Letters 241 (1995) 229). Erratum 243 (1995) 586

Lamont, C.L.A., B.N.J. Persson and G.P. Williams, Dynamics of atomic adsorbates: hydrogen on Cu(111) 243 (1995) 429
Lang, J.M., Z.A. Dreger and H.G. Drickamer, A high pressure study of the effect of viscosity on the light induced isomerization of DMABN in three linear alcohols, iso-butanol and glycerol 243 (1995) 78
Laperrière, S.C., J.W. Mullens, D. L'Espérance and E.L. Chronister, Optical energy transfer and trapping in 9-aminoacridine doped sol–gel glasses 243 (1995) 114
Larzillière, M., see Boudjarane, K. 243 (1995) 571
Latifzadeh, L. and K. Balasubramanian, Spectroscopic constants and potential energy curves of PF 243 (1995) 243
Lebus, S., see Blanchard-Desce, M. 243 (1995) 526
Lecoq, P., see Belsky, A.N. 243 (1995) 552
Lee, A.R., T.M. Kalotas and W.E. Mellor, A simplified approach to the calculation of molecular torsion energy levels 243 (1995) 341
Lee, H., T. Darden and L. Pedersen, Accurate crystal molecular dynamics simulations using particle–mesh–Ewald: RNA dinucleotides – ApU and GpC 243 (1995) 229
Lee, S., Variation of fragment anisotropy parameters along asymmetric resonances in OH photodissociation. A quantum-mechanical study 243 (1995) 250
Lee, T.J., M. Head-Gordon and A.P. Rendell, Investigation of a diagnostic for perturbation theory. Comparison to the $\mathcal{T}_1$ diagnostic of coupled-cluster theory 243 (1995) 402
Lehn, J.-M., see Credi, A. 243 (1995) 102
Lehn, J.-M., see Blanchard-Desce, M. 243 (1995) 526
Lemercier, G., see Bousseksou, A. 243 (1995) 493
L'Espérance, D., see Laperrière, S.C. 243 (1995) 114
Lewis, J.W., see Møller, S. 243 (1995) 579
Li, S., R.J. Van Zee, W. Weltner Jr. and K. Raghavachari, Si_3–Si_7. Experimental and theoretical infrared spectra 243 (1995) 275
Li, Y.S., see Tománek, D. 243 (1995) 42
Li, Z. and R.B. Gerber, The validity of time-dependent self-consistent field approximation for non-stationary vibrational bound states of quantum clusters 243 (1995) 257

Lim, K.P., see Kumaran, S.S. 243 (1995) 59
Lin, H., see Han, K.-L. 243 (1995) 29
Liu, K., see Che, D.-C. 243 (1995) 290
Lobach, A.S., N.F. Goldshleger, M.G. Kaplunov and A.V. Kulikov, Near-IR and ESR studies of the radical anions of C_{60} and C_{70} in the system fullerene–primary amine 243 (1995) 22
Long, J.P., see Itchkawitz, B.S. 243 (1995) 211
Lu, R.-C., see Han, K.-L. 243 (1995) 29
Lukzen, N.N., see Stass, D.V. 243 (1995) 533

Machida, S., see Shirota, H. 243 (1995) 297
Mango, F., see Xu, J.H. 243 (1995) 474
Maricq, M.M. and J.J. Szente, Kinetics of the FNO + HO_2 reaction 243 (1995) 519
Maris, A., see Caminati, W. 243 (1995) 302
Martin, P., see Belsky, A.N. 243 (1995) 552
McKendrick, K.G., see Jackson, N.A. 243 (1995) 564
Mellor, W.E., see Lee, A.R. 243 (1995) 341
Michael, J.V., see Kumaran, S.S. 243 (1995) 59
Mikhailin, V.V., see Belsky, A.N. 243 (1995) 552
Millemaggi, A., see Caminati, W. 243 (1995) 302
Misra, A., R. Dutta and M. Chowdhury, Effect of dioxane on the benzil:SDS radical pair system. A study in the presence of high magnetic fields 243 (1995) 308
Molin, Yu.N., see Stass, D.V. 243 (1995) 533
Møller, S., W.A. Yee, R.A. Goldbeck, S.E. Wallace-Williams, J.W. Lewis and D.S. Kliger, Biexponential fluorescence decay of diphenylbutadiene rotational conformers after extreme red edge excitation 243 (1995) 579
Müllen, K., see Köhler, A. 243 (1995) 456
Mullens, J.W., see Laperrière, S.C. 243 (1995) 114

Nagayama, K., see Dimitrov, A.S. 243 (1995) 462
Nathanson, G.M., see Benjamin, I. 243 (1995) 222
Nikolaev, P., see Guo, T. 243 (1995) 49
Noble, C.J., see Song, R. 243 (1995) 324

Obi, K., see Akiike, M. 243 (1995) 89
Olivucci, M., see Celani, P. 243 (1995) 1
Onida, G. and W. Andreoni, Effect of size and geometry on the electronic properties of small hydrogenated silicon clusters 243 (1995) 183
Ouhlal, A., A. Selmani and A. Yelon, Bonding in $(\eta^6\text{-}C_6H_6)M$ and $(\eta^6\text{-}C_6H_6)M^+$, M = Ti, Cr, Ni, and Cu. A local spin density study 243 (1995) 269
Ouyang, M., see Wang, K.Z. 243 (1995) 217
Over, H., H. Bludau, R. Kose and G. Ertl, N_2 adsorption onto the (2×2)-O precovered Ru(0001) surface: a low-energy electron-diffraction study 243 (1995) 435

Pan, J.-J., see Hwang, J.-K. 243 (1995) 171
Parlett, L.C., see Buckingham, A.D. 243 (1995) 15
Pedersen, L., see Lee, H. 243 (1995) 229
Pedrini, C., see Belsky, A.N. 243 (1995) 552
Peng, G., see Wang, X. 243 (1995) 469

Persson, B.N.J., see Lamont, C.L.A. 243 (1995) 429
Pfab, J., see Hippler, M. 243 (1995) 500
Pilbrow, J.R., see Song, R. 243 (1995) 324
Pohorille, A., see Benjamin, I. 243 (1995) 222
Pradeep, T., Chemical constitution of a perfluoropolyether liquid surface. A photoelectron spectroscopic study 243 (1995) 125

Raghavachari, K., see Li, S. 243 (1995) 275
Rais, M.H., see Gondal, M.A. 243 (1995) 94
Randall, C.R., see Wang, X. 243 (1995) 469
Ratajczak, H. and A.M. Yaremko, Theory of profiles of hydrogen stretching infrared bands of hydrogen-bonded solids. Model of strong coupling between the high-frequency hydrogen stretching vibration and low-frequency phonons 243 (1995) 348
Rauscher, H., see Bolotov, L. 243 (1995) 445
Rendell, A.P., see Lee, T.J. 243 (1995) 402
Rittner, F., A. Seidel and B. Boddenberg, Line shape analysis of ^{129}Xe NMR spectra of xenon in zeolites 243 (1995) 140
Robb, M.A., see Celani, P. 243 (1995) 1
Rubayo-Soneira, J., A. García-Vela, G. Delgado-Barrio and P. Villarreal, Vibrational predissociation of I_2–Ne. A quasiclassical dynamical study 243 (1995) 236
Ruud, K., see Jaszuński, M. 243 (1995) 144

Sakaguchi, Y., see Igarashi, M. 243 (1995) 545
Schedel-Niedrig, T., see Itchkawitz, B.S. 243 (1995) 211
Scherf, U., see Köhler, A. 243 (1995) 456
Schlögl, R., see Itchkawitz, B.S. 243 (1995) 211
Schmitt, M., see Vogt, P. 243 (1995) 64
Schulz, B. and P. Botschwina, Calculated spectroscopic properties for $NH_3 \ldots HC_4H$ 243 (1995) 378
Scuseria, G.E., The equilibrium structures of giant fullerenes: faceted or spherical shape? An ab initio Hartree–Fock study of icosahedral C_{240} and C_{540} 243 (1995) 193
Seidel, A., see Rittner, F. 243 (1995) 140
Seki, K., see Tachiya, M. 243 (1995) 330
Selmani, A., see Ouhlal, A. 243 (1995) 269
Shibuya, K., see Akiike, M. 243 (1995) 89
Shirota, H., S. Machida, T. Yamashita and K. Horie, Photoinduced electron transfer process probed by persistent spectral hole burning spectroscopy. The effect of the acceptor on non-photochemical hole burning 243 (1995) 297
Smalley, R.E., see Guo, T. 243 (1995) 49
Smith, S.C., A pseudo-spectral algorithm for the computation of transitional-mode eigenfunctions in loose transition states 243 (1995) 359
Song, R., Y.C. Zhong, C.J. Noble, J.R. Pilbrow and D.R. Hutton, A one-dimensional mixing-frequency electron spin echo envelope modulation (MIF-ESEEM) spectroscopy 243 (1995) 324
Sonoda, Y. and S. Iwata, Theoretical studies of the internal rotation of the methyl group in *o*-, *m*-, and *p*-fluorotoluenes and their cations 243 (1995) 176
Spano, F.C., Theory of strong-field pump–probe spectroscopy in J-aggregates (Chem. Phys. Letters 220 (1994) 365). Erratum 243 (1995) 354
Spiess, H.W., see Gottwald, J. 243 (1995) 314
Sprunger, P.T., F. Besenbacher and I. Stensgaard, STM investigation of the Ni(111)-c(4 × 2)-2CO structure 243 (1995) 439

Stass, D.V., N.N. Lukzen, B.M. Tadjikov, V.M. Grigoryantz and Yu.N. Molin, Ion–molecular charge transfer reactions of hexafluorobenzene and cis-decalin in nonpolar solutions studied by linewidth broadening in MARY spectra 243 (1995) 533
Stensgaard, I., see Sprunger, P.T. 243 (1995) 439
Strizhak, P.E., Stirring-induced bifurcation driven by the chaotic regime in the Belousov–Zhabotinsky reaction in a CSTR 243 (1995) 540
Stry, J.J. and J.F. Garvey, Generation of $C_{59}O^-$ via collision induced dissociation of oxy-fullerene anions 243 (1995) 199
Su, M.-C., see Kumaran, S.S. 243 (1995) 59
Sundholm, D., J. Gauss and R. Ahlrichs, The electron correlation contribution to the nuclear magnetic shielding tensor of the hydrogen molecule 243 (1995) 264
Sundström, V., see Yartsev, A. 243 (1995) 281
Suwaiyan, A., see Than Htun, M. 243 (1995) 71, 506, 512
Suwaiyan, A., see Than Htun, M. 243 (1995) 506
Suwaiyan, A., see Than Htun, M. 243 (1995) 512
Szente, J.J., see Maricq, M.M. 243 (1995) 519
Szymański, S., see Jaszuński, M. 243 (1995) 144

Tachiya, M. and K. Seki, Microscopic reversibility of the rate constants given by the generalized Marcus equation 243 (1995) 330
Tadjikov, B.M., see Stass, D.V. 243 (1995) 533
Tam, C.N. and T.A. Keiderling, Direct measurement of the rotational g-value in the ground vibrational state of acetylene by magnetic vibrational circular dichroism 243 (1995) 55
Tang, A.C. and F.Q. Huang, Theoretical studies on carbon tubules 243 (1995) 387
Tatewaki, H., see Hashimoto, T. 243 (1995) 190
Than Htun, M., A. Suwaiyan and U.K.A. Klein, Proton transfer reaction of 4-hydroxy-1-naphthalenesulphonate in methanol–water and ethanol–water mixtures 243 (1995) 71
Than Htun, M., A. Suwaiyan and U.K.A. Klein, Time-resolved spectroscopy of 4-hydroxy-1-naphthalenesulphonate in alcohol–water mixtures 243 (1995) 506
Than Htun, M., A. Suwaiyan and U.K.A. Klein, Dynamics of an excited acid in 1-propanol–water mixtures 243 (1995) 512
Thess, A., see Guo, T. 243 (1995) 49
Tománek, D. and Y.S. Li, Ionicity of the M–C_{60} bond in M@C_{60} endohedral complexes 243 (1995) 42
Tommasi, L., see Bousseksou, A. 243 (1995) 493
Tsuji, K., see Akiike, M. 243 (1995) 89
Tuchagues, J.-P., see Bousseksou, A. 243 (1995) 493

Van de Craats, A.M. and G. Blasse, The quenching of bismuth(III) luminescence in yttrium oxide (Y_2O_3) 243 (1995) 559
Van Zee, R.J., see Li, S. 243 (1995) 275
Varret, F., see Bousseksou, A. 243 (1995) 493
Vasil'ev, A.N., see Belsky, A.N. 243 (1995) 552
Villarreal, P., see Rubayo-Soneira, J. 243 (1995) 236
Vogt, P., M. Schmitt and W. Kiefer, Continuum resonance Raman scattering in $^{127}I^{79}Br$ and $^{35}Cl_2$. Experimental verification of the reflection principle 243 (1995) 64
Volatron, F., see Berthe-Gaujac, N. 243 (1995) 165

Wallace-Williams, S.E., see Møller, S. 243 (1995) 579
Wang, D.W., see Wang, K.Z. 243 (1995) 217
Wang, K.Z., Z.Q. Xue, M. Ouyang, D.W. Wang, H.X. Zhang and C.H. Huang, A new polynitrile π acceptor for electronic switching devices 243 (1995) 217
Wang, X., C.R. Randall, G. Peng and S.P. Cramer, Spin-polarized and site-selective X-ray absorption. Demonstration with Fe porphyrins and Kβ detection 243 (1995) 469
Watson, C.W., see Jackson, N.A. 243 (1995) 564
Weltner Jr., W., see Li, S. 243 (1995) 275
Williams, G.P., see Lamont, C.L.A. 243 (1995) 429
Wilson, M.A., see Benjamin, I. 243 (1995) 222
Worthy, G., see Healey, F. 243 (1995) 133
Wortmann, R., see Blanchard-Desce, M. 243 (1995) 526
Wu, M., see Kuppermann, A. 243 (1995) 586

Xu, J.H., A. Gozzini, F. Mango and R.A. Bernheim, Na($3\,^2P$) sensitized Na_2 emission spectra enhanced by polydimethylsiloxane vapors 243 (1995) 474
Xue, Z.Q., see Wang, K.Z. 243 (1995) 217

Yamashita, T., see Shirota, H. 243 (1995) 297
Yang, J.-P., Transient spectral investigations of two-photon absorption in poly(*p*-phenylenevinylene) 243 (1995) 129
Yaremko, A.M., see Ratajczak, H. 243 (1995) 348
Yartsev, A., J.-L. Alvarez, U. Åberg and V. Sundström, Overdamped wavepacket motion along a barrierless potential energy surface in excited state isomerization 243 (1995) 281
Yee, W.A., see Møller, S. 243 (1995) 579
Yelon, A., see Ouhlal, A. 243 (1995) 269

Zerbetto, F., see Fowler, P.W. 243 (1995) 36
Zhang, H.X., see Wang, K.Z. 243 (1995) 217
Zhong, Y.C., see Song, R. 243 (1995) 324